

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF123021\
 Data File : BF126438.D
 Acq On : 31 Dec 2021 1:15
 Operator : JU/CG
 Sample : M5244-12
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CONC-5B

Quant Time: Dec 31 05:38:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF122921.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 30 04:30:49 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

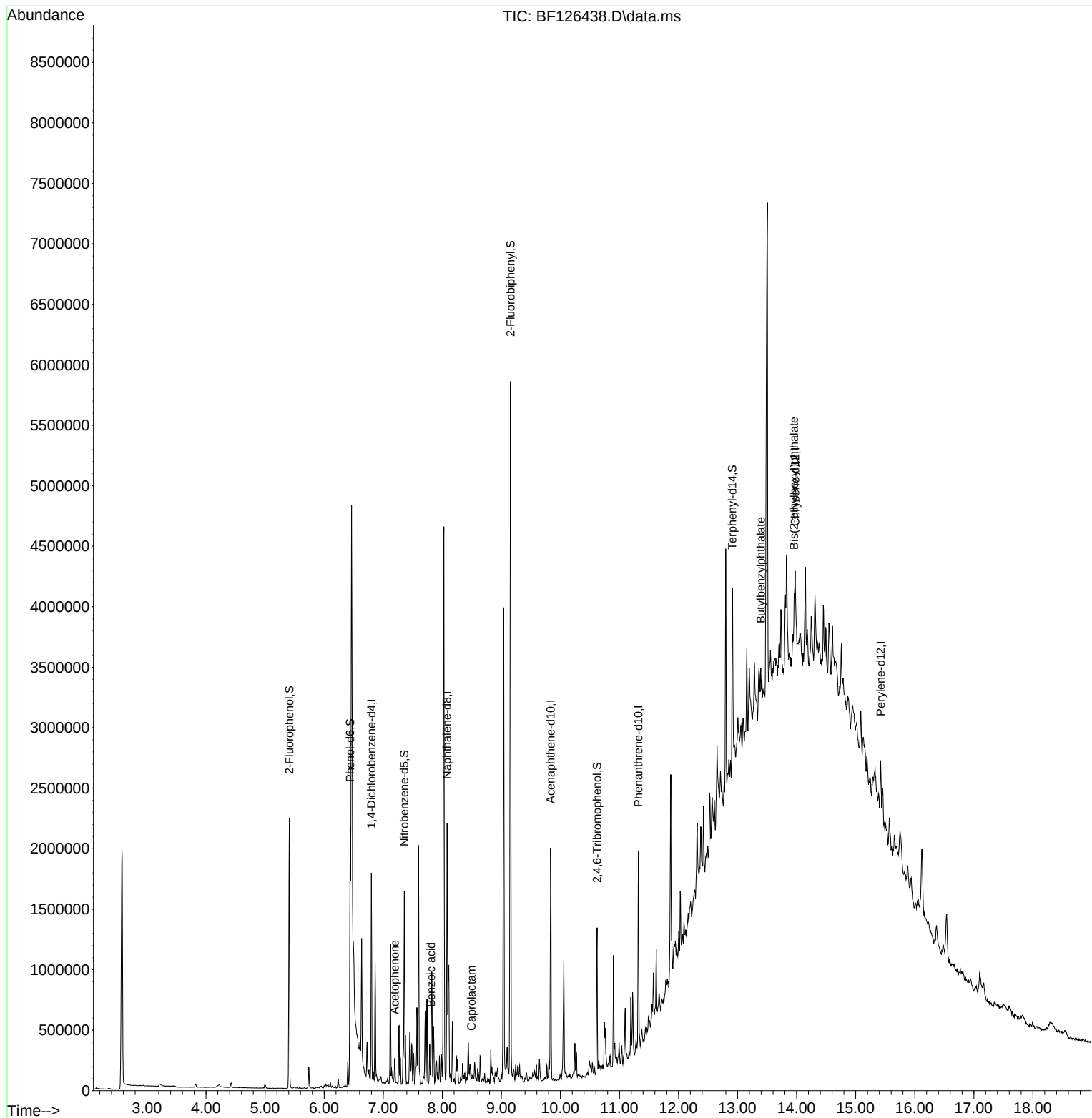
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	225403	20.000	ng	0.00
21) Naphthalene-d8	8.081	136	858214	20.000	ng	0.00
39) Acenaphthene-d10	9.834	164	381611	20.000	ng	0.00
64) Phenanthrene-d10	11.322	188	582291	20.000	ng	0.00
76) Chrysene-d12	13.974	240	323807	20.000	ng	# 0.02
86) Perylene-d12	15.421	264	273602	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	615743	39.229	ng	0.00
7) Phenol-d6	6.440	99	740831	36.441	ng	0.01
23) Nitrobenzene-d5	7.357	82	480326	28.737	ng	0.00
42) 2,4,6-Tribromophenol	10.622	330	127739	43.318	ng	0.00
45) 2-Fluorobiphenyl	9.157	172	475532	21.928	ng	0.00
79) Terphenyl-d14	12.910	244	516748	31.006	ng	0.00
Target Compounds						
						Qvalue
22) Acetophenone	7.193	105	74551	3.758	ng	# 54
32) Benzoic acid	7.810	122	1291	7.207	ng	# 1
35) Caprolactam	8.492	113	5511	2.046	ng	# 63
77) Benzidine	12.680	184	738	Below Cal		# 1
80) Butylbenzylphthalate	13.392	149	64034	5.281	ng	95
84) Bis(2-ethylhexyl)phtha...	13.957	149	177022	14.087	ng	# 97

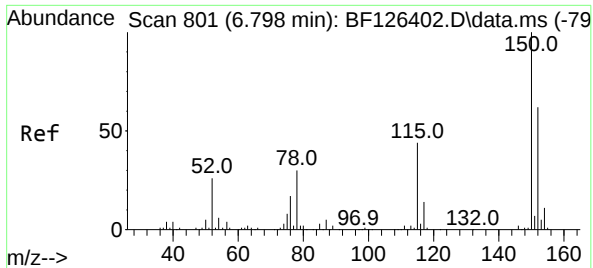
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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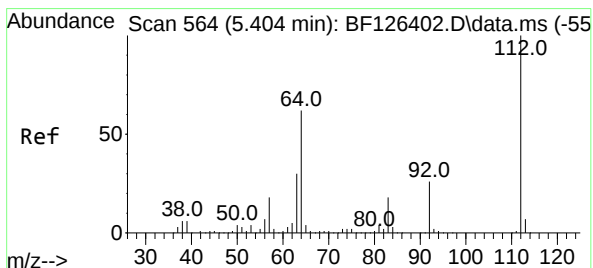
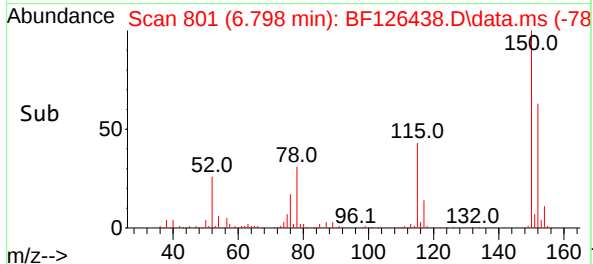
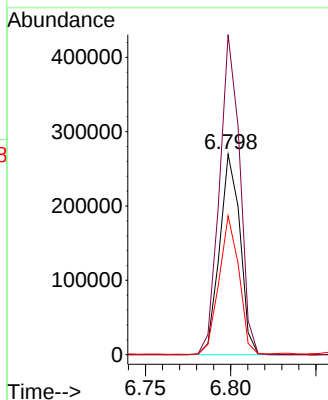
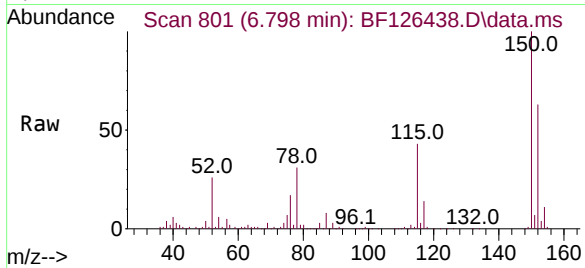




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.798 min Scan# 801
 Delta R.T. 0.000 min
 Lab File: BF126438.D
 Acq: 31 Dec 2021 1:15

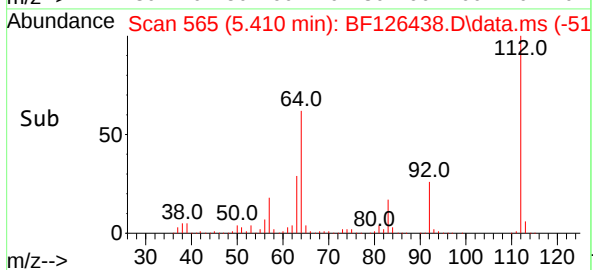
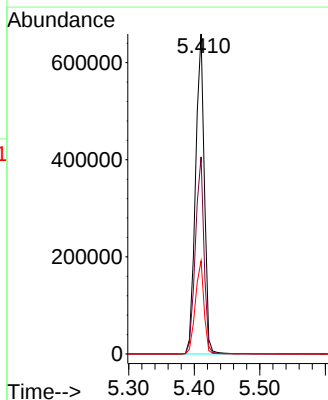
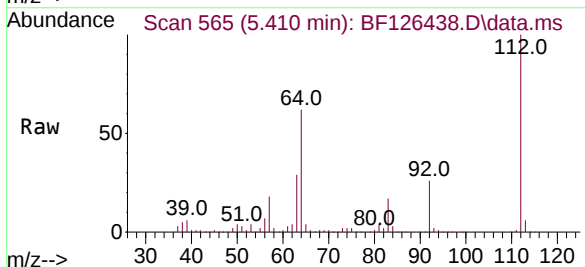
Instrument :
 BNA_F
 ClientSampleId :
 CONC-5B

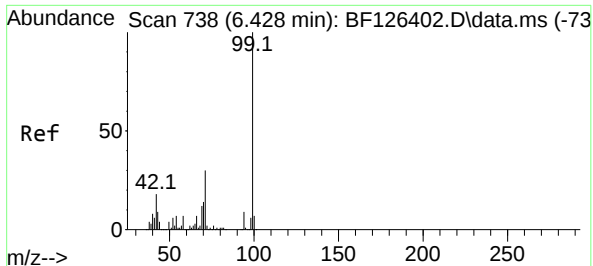
Tgt Ion:152 Resp: 225403
 Ion Ratio Lower Upper
 152 100
 150 159.7 128.1 192.1
 115 69.3 56.7 85.1



#5
 2-Fluorophenol
 Concen: 39.229 ng
 RT: 5.410 min Scan# 565
 Delta R.T. 0.006 min
 Lab File: BF126438.D
 Acq: 31 Dec 2021 1:15

Tgt Ion:112 Resp: 615743
 Ion Ratio Lower Upper
 112 100
 64 61.6 49.5 74.3
 63 29.1 23.9 35.9

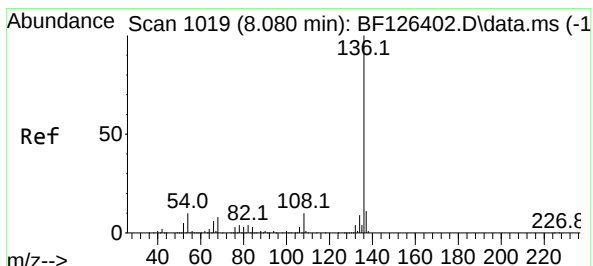
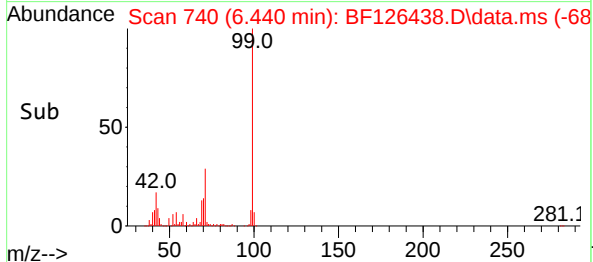
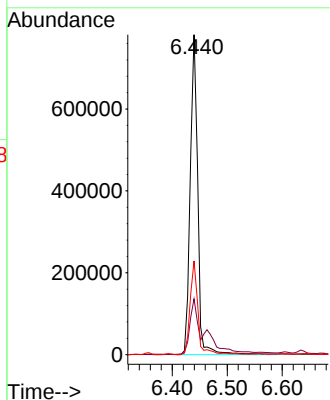
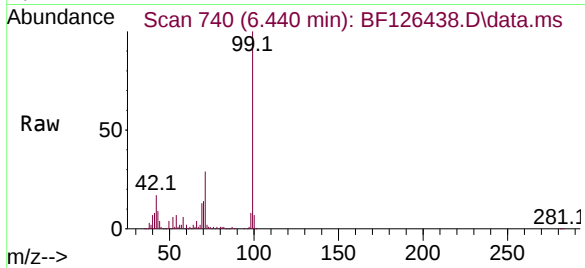




#7
Phenol-d6
Concen: 36.441 ng
RT: 6.440 min Scan# 740
Delta R.T. 0.012 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

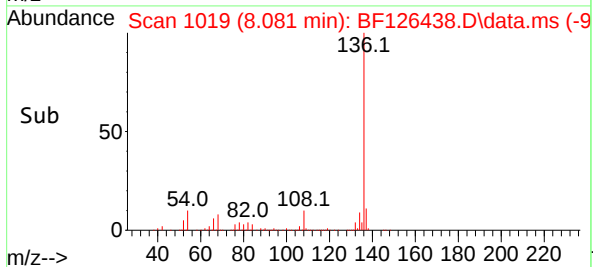
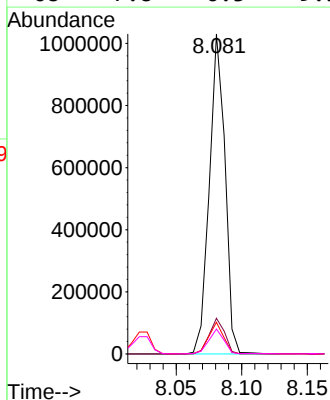
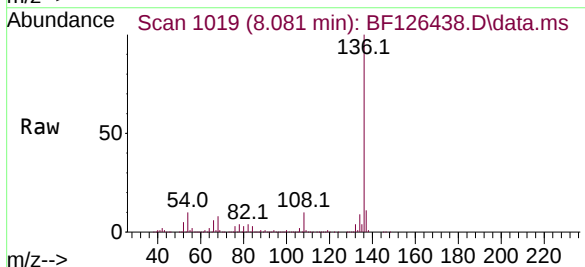
Instrument :
BNA_F
ClientSampleId :
CONC-5B

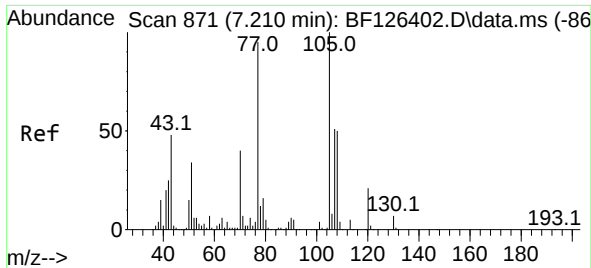
Tgt Ion: 99 Resp: 740831
Ion Ratio Lower Upper
99 100
42 17.4 14.2 21.4
71 29.3 24.3 36.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.081 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

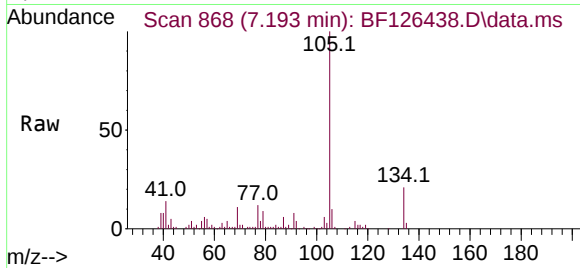
Tgt Ion: 136 Resp: 858214
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 9.9 7.8 11.6
68 7.8 6.3 9.5



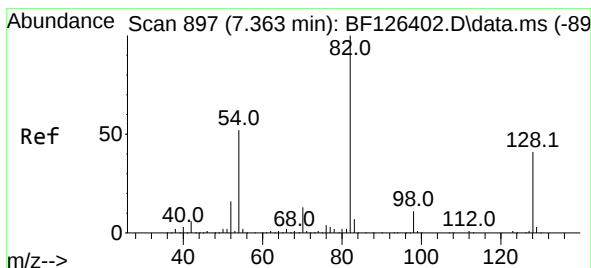
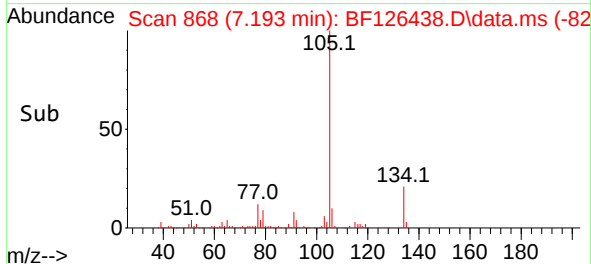
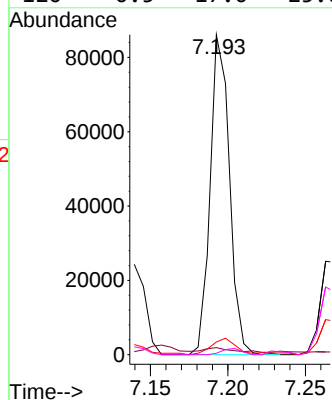


#22
Acetophenone
Concen: 3.758 ng
RT: 7.193 min Scan# 810
Delta R.T. -0.017 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Instrument :
BNA_F
ClientSampleId :
CONC-5B

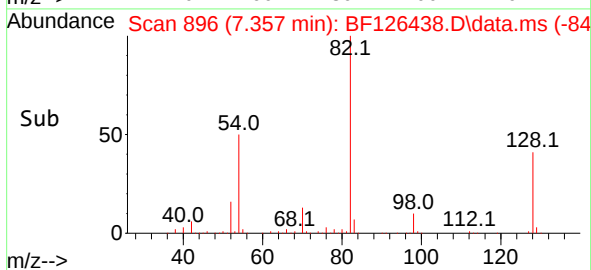
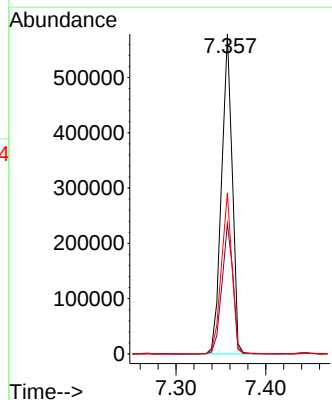
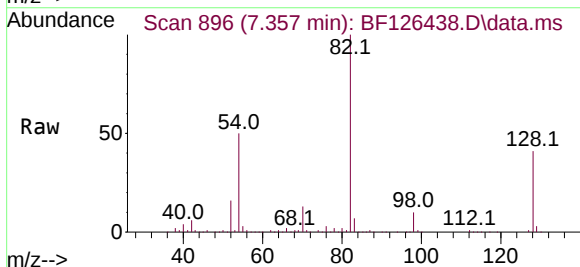


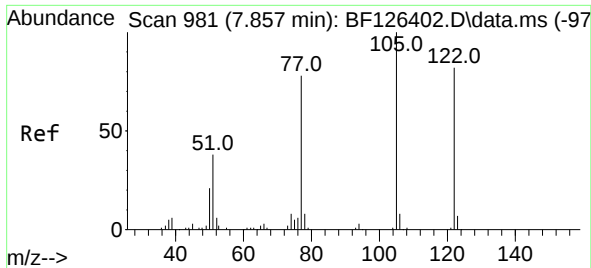
Tgt Ion:105 Resp: 74551
Ion Ratio Lower Upper
105 100
71 2.2 5.4 8.0#
51 3.9 27.4 41.0#
120 0.5 17.0 25.6#



#23
Nitrobenzene-d5
Concen: 28.737 ng
RT: 7.357 min Scan# 896
Delta R.T. -0.006 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Tgt Ion: 82 Resp: 480326
Ion Ratio Lower Upper
82 100
128 40.7 32.7 49.1
54 50.3 41.7 62.5

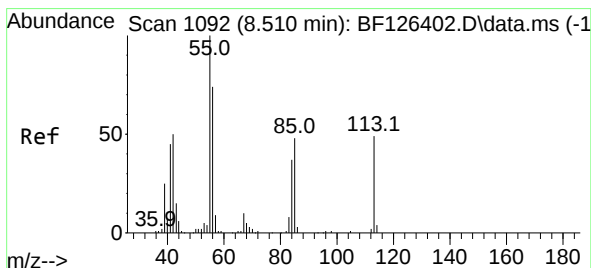
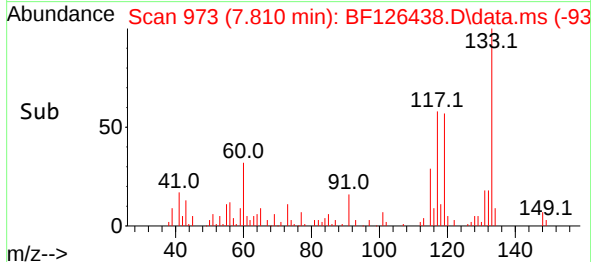
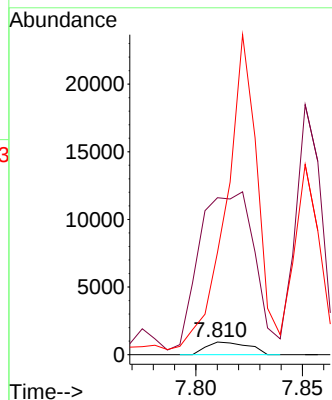
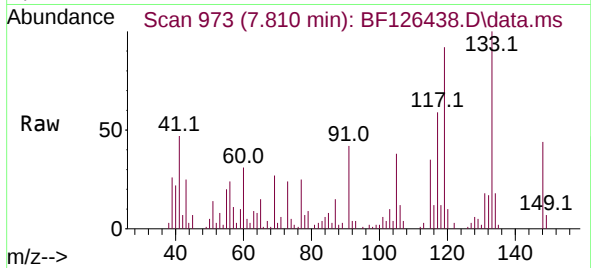




#32
Benzoic acid
Concen: 7.207 ng
RT: 7.810 min Scan# 91
Delta R.T. -0.047 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

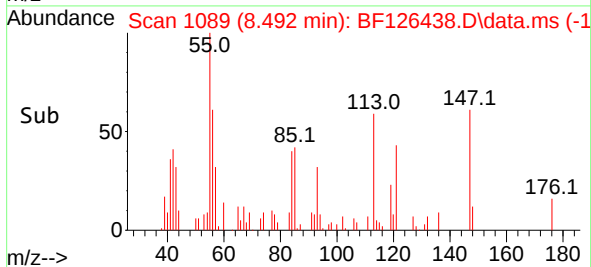
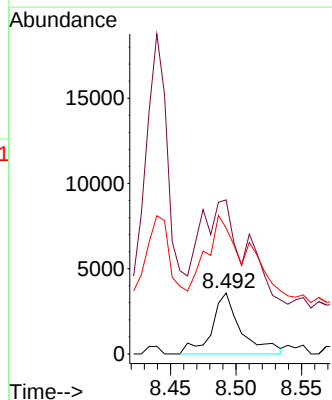
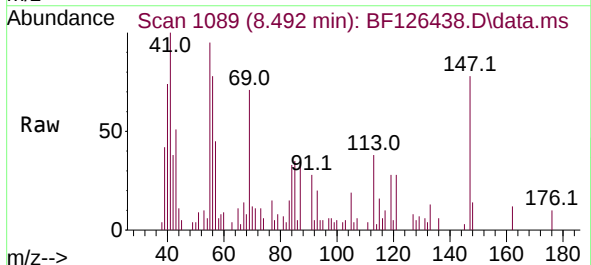
Instrument :
BNA_F
ClientSampleId :
CONC-5B

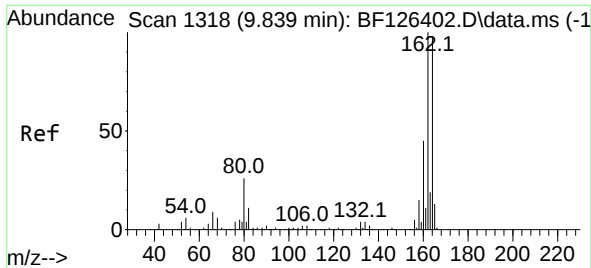
Tgt Ion:122 Resp: 1291
Ion Ratio Lower Upper
122 100
105 1235.7 101.0 141.0#
77 804.4 74.5 114.5#



#35
Caprolactam
Concen: 2.046 ng
RT: 8.492 min Scan# 1089
Delta R.T. -0.017 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Tgt Ion:113 Resp: 5511
Ion Ratio Lower Upper
113 100
55 252.6 183.9 223.9#
56 206.6 129.9 169.9#

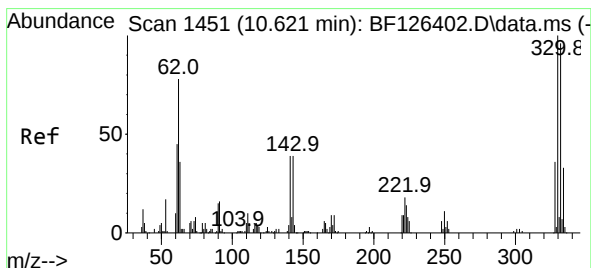
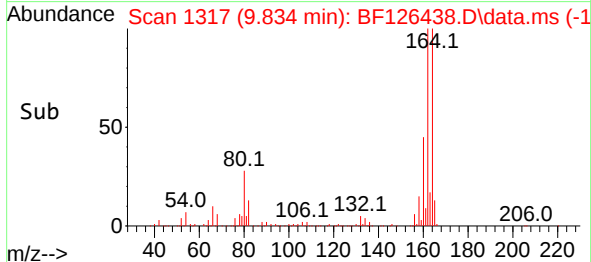
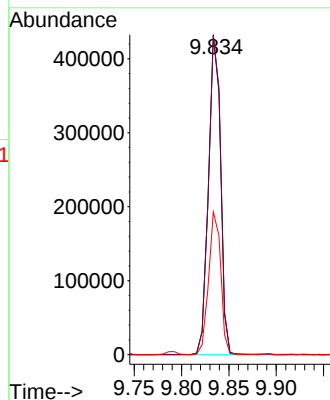
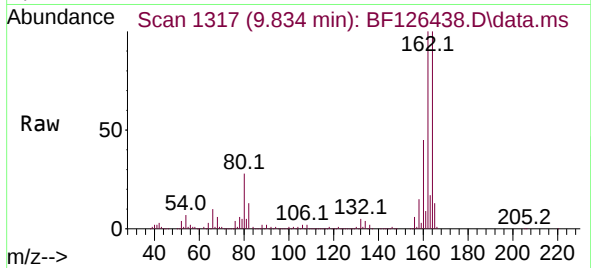




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.834 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

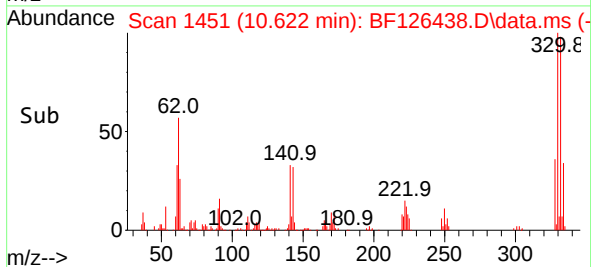
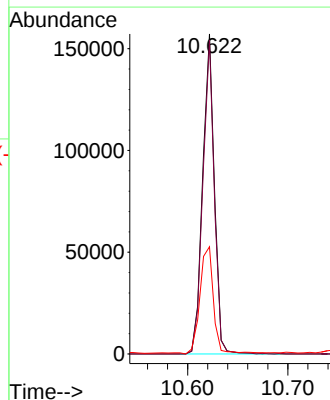
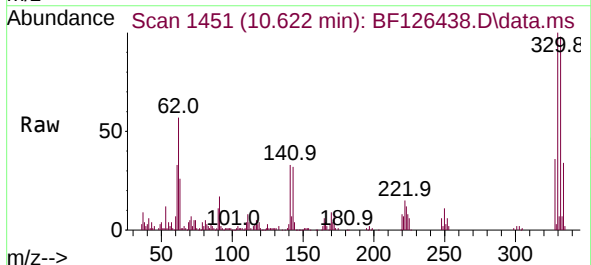
Instrument :
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CONC-5B

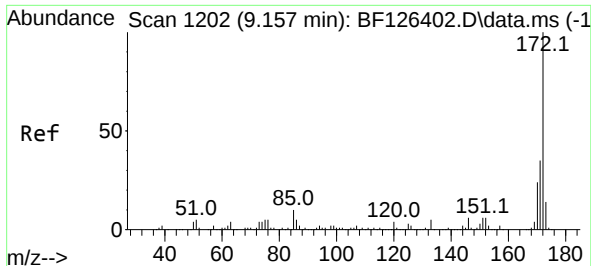
Tgt Ion:164 Resp: 381611
Ion Ratio Lower Upper
164 100
162 99.7 81.4 122.0
160 44.6 36.6 54.8



#42
2,4,6-Tribromophenol
Concen: 43.318 ng
RT: 10.622 min Scan# 1451
Delta R.T. 0.000 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Tgt Ion:330 Resp: 127739
Ion Ratio Lower Upper
330 100
332 96.1 76.0 114.0
141 37.3 30.1 45.1

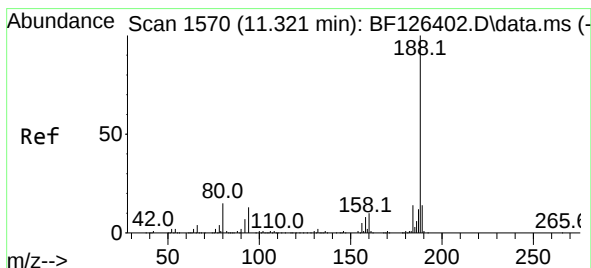
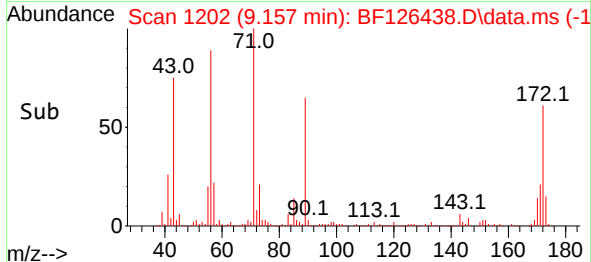
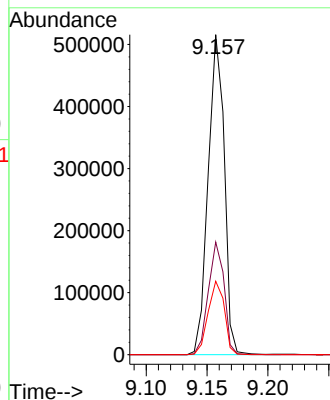
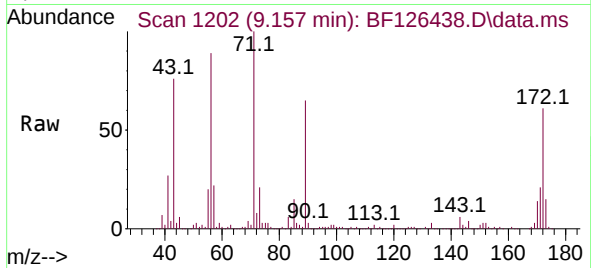




#45
2-Fluorobiphenyl
Concen: 21.928 ng
RT: 9.157 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

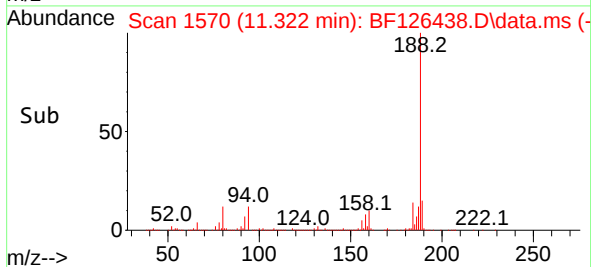
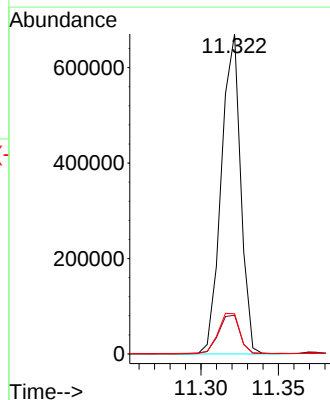
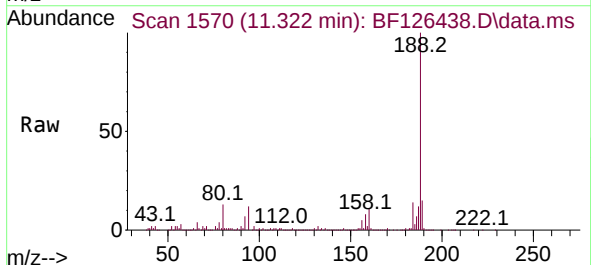
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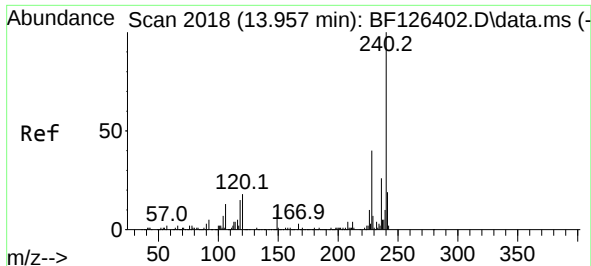
Tgt Ion:172 Resp: 475532
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.0 19.0 28.6



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.322 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Tgt Ion:188 Resp: 582291
Ion Ratio Lower Upper
188 100
94 12.1 10.1 15.1
80 12.6 11.8 17.6

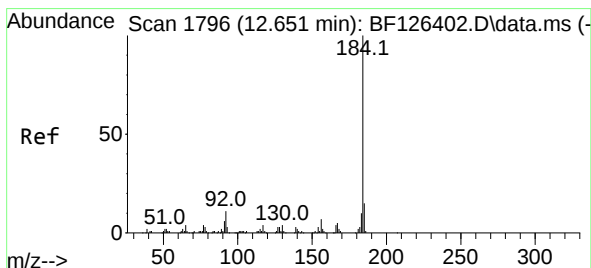
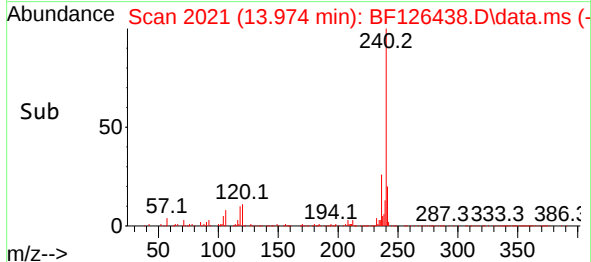
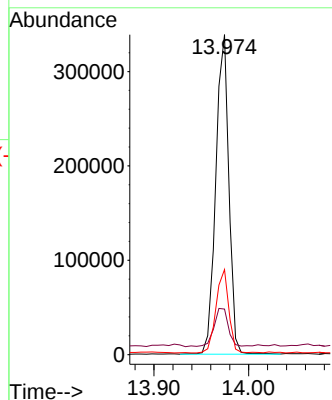
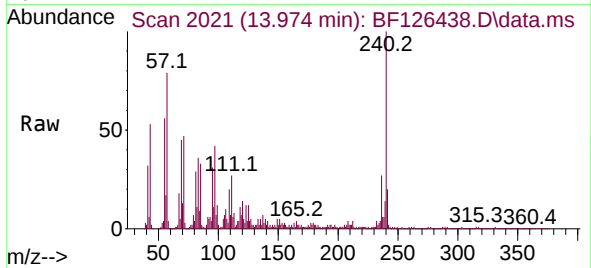




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2018
Delta R.T. 0.018 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

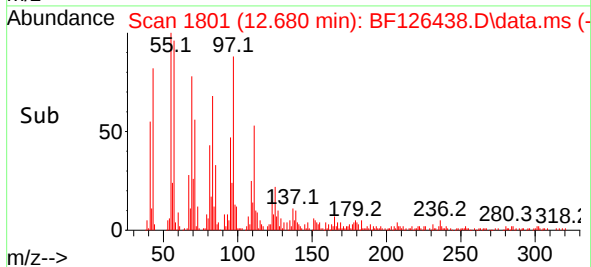
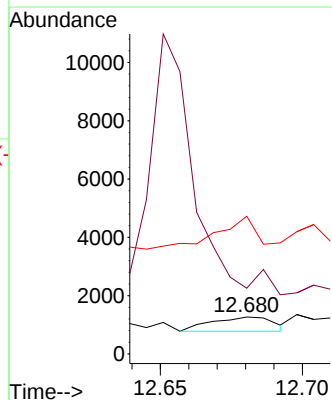
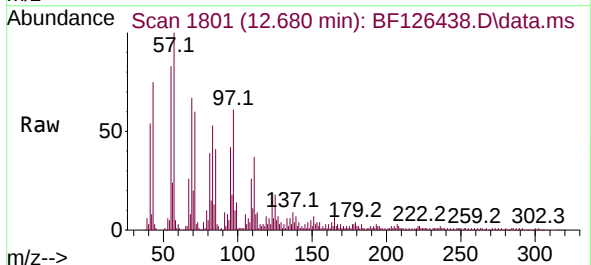
Instrument :
BNA_F
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CONC-5B

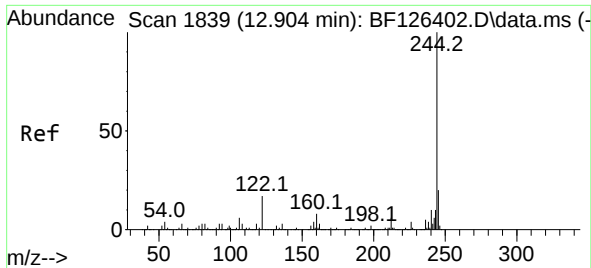
Tgt Ion:240 Resp: 323807
Ion Ratio Lower Upper
240 100
120 14.2 14.4 21.6#
236 26.6 20.5 30.7



#77
Benzidine
Concen: Below Cal
RT: 12.680 min Scan# 1801
Delta R.T. 0.029 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Tgt Ion:184 Resp: 738
Ion Ratio Lower Upper
184 100
185 177.9 11.8 17.8#
183 372.3 8.2 12.2#

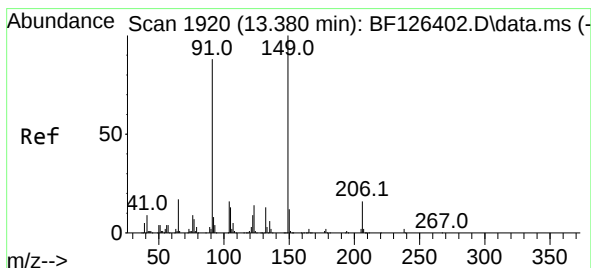
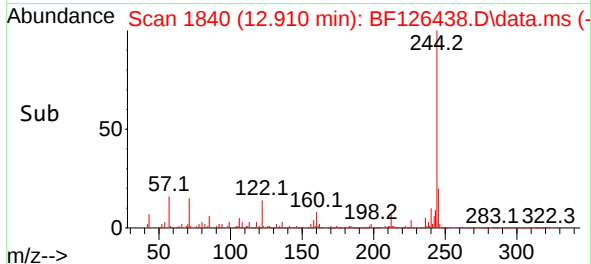
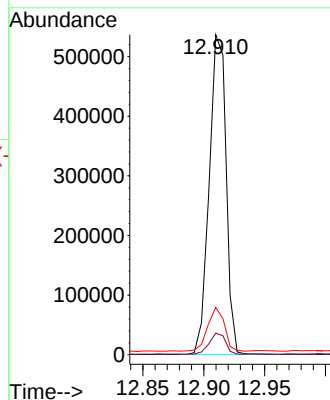
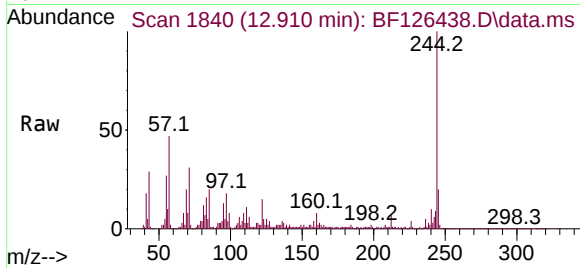




#79
Terphenyl-d14
Concen: 31.006 ng
RT: 12.910 min Scan# 1839
Delta R.T. 0.006 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

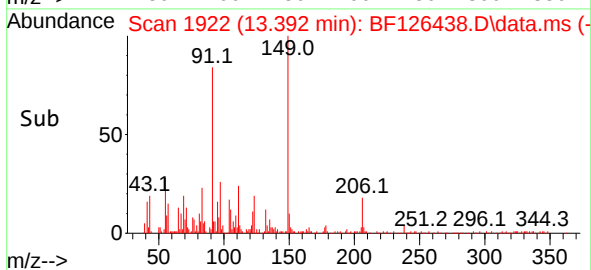
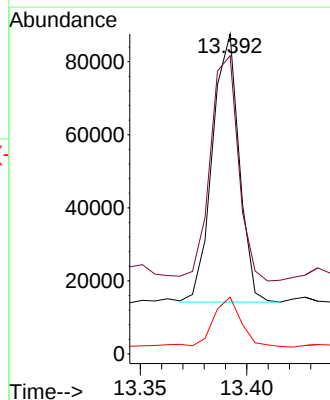
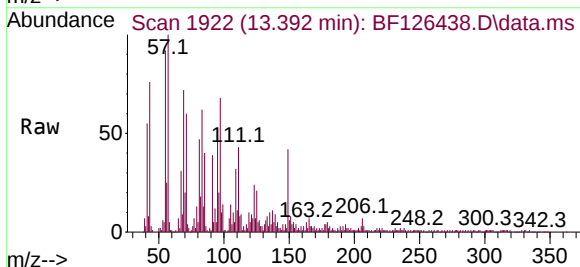
Instrument :
BNA_F
ClientSampleId :
CONC-5B

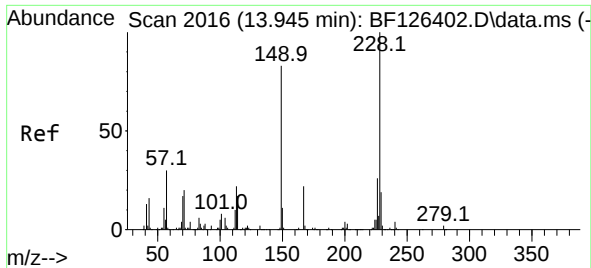
Tgt Ion:244 Resp: 516748
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 14.8 13.3 19.9



#80
Butylbenzylphthalate
Concen: 5.281 ng
RT: 13.392 min Scan# 1922
Delta R.T. 0.012 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Tgt Ion:149 Resp: 64034
Ion Ratio Lower Upper
149 100
91 93.2 70.5 105.7
206 17.8 12.6 19.0

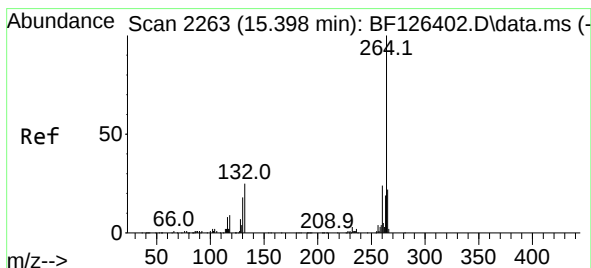
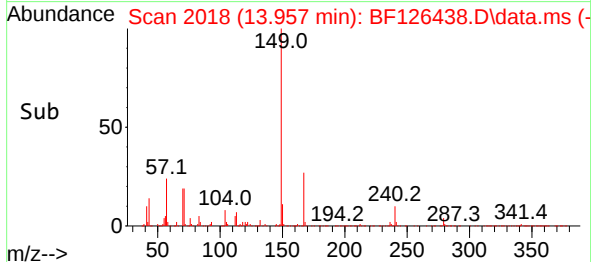
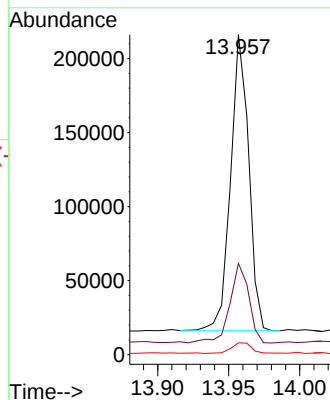
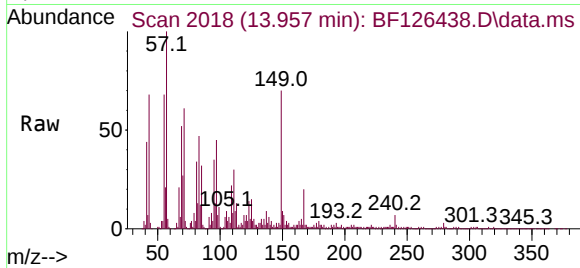




#84
Bis(2-ethylhexyl)phthalate
Concen: 14.087 ng
RT: 13.957 min Scan# 2016
Delta R.T. 0.012 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Instrument :
BNA_F
ClientSampleId :
CONC-5B

Tgt Ion:149 Resp: 177022
Ion Ratio Lower Upper
149 100
167 28.6 21.4 32.2
279 3.7 2.4 3.6#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.024 min
Lab File: BF126438.D
Acq: 31 Dec 2021 1:15

Tgt Ion:264 Resp: 273602
Ion Ratio Lower Upper
264 100
260 25.6 19.2 28.8
265 21.4 17.4 26.2

